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## IN THE CLAIMS:

1. (Previously Presented) A method of generating a welding arc comprising the steps of:

initiating wire feed speed at a first speed;

temporarily reducing wire feed speed below the first speed for a period of time based on detection of arc initialization and a user selected speed; and adjusting wire feed speed based on the user selected speed.

- 2. (Original) The method of claim 1 wherein the step of initiating wire feed speed is further defined as initiating wire feed speed at a run-in value and wherein the period of time is determined by the user selected speed.
  - 3. (Original) The method of claim 2 wherein the period of time is 50 ms.
- 4. (Original) The method of claim 1 further comprising the step of detecting initialization of a welding arc.
- 5. (Original) The method of claim 4 further comprising the step of delaying a wire drive power until after generation of a welding power signal by a power source.
- 6. (Original) The method of claim 5 wherein a duration of the delay is less than approximately 20 ms.
- 7. (Original) The method of claim 1 further comprising initiating a power source power signal and initiating a wire feeder power signal by a trigger.
- 8. (Original) The method of claim 1 further comprising at least one of the steps of pulling wire from a spool to a torch, pushing and pulling wire to a torch, and pushing wire to a torch.

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9. (Previously Presented) A method of establishing a welding arc comprising:

defining a wire feed speed based on a user selected wire feed speed;

introducing a wire to a desired weld area at an initial run-in speed that is less than or equal to the user selected wire feed speed; and

reducing the wire feed speed below the initial run-in speed before the wire feed speed reaches the user selected wire feed at weld stabilization.

- 10. (Original) The method of claim 9 wherein the reduction of the wire feed speed is based on arc initialization.
- 11. (Original) The method of claim 9 further comprising determining a duration of the reduced wire feed speed based on the user selected wire feed speed.
- 12. (Original) The method of claim 9 further comprising generating a weld power prior to powering a wire feeder.
- 13. (Original) The method of claim 9 further comprising at least one of pulling wire from a wire spool to a torch, pushing and pulling wire to a torch, and pushing wire to a torch.
- 14. (Previously Presented) The method of claim 9 wherein the wire feed speed is reduced to approximately zero between the initial run-in speed and achieving the user selected wire feed speed.
- 15. (Original) A welding system comprising: a power source configured to generate a power signal suitable for welding; a wire feeder connected to the power source and configured to deliver a consumable wire electrode to a weld at a wire feed speed; and

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a controller connected to the wire feeder and configured to automatically set a rate of acceleration of the wire feed speed, then, while maintaining a direction of wire feed, abruptly reduce the wire feed speed before welding are stabilization and then set the wire feed speed to a relatively stable speed for welding.

- 16. (Original) The system of claim 15 further comprising a detection circuit in communication with the controller and configured to detect at least one of welding arc initialization and welding arc stabilization.
- 17. (Original) The system of claim 16 wherein the detection circuit is in serial communication with the controller and is in at least one of the wire feeder and the power source.
- 18. (Original) The system of claim 15 further comprising a wire feed speed selector knob connected to the controller and configured to communicate a welding wire feed speed thereto.
- 19. (Original) The system of claim 18 wherein the controller is configured to override the welding wire feed speed until welding arc stabilization.
- 20. (Original) The system of claim 19 wherein the controller overrides the welding wire feed speed for a duration determined by the wire feed speed.
- 21. (Original) The system of claim 15 further comprising a torch having a trigger wherein activation of the trigger initiates the power signal suitable for welding and a wire feeder power.
- 22. (Original) The system of claim 21 wherein the controller generates a delay between the initiation of the power signal suitable for welding and the wire feeder power.

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- 23. (Original) The system of claim 22 wherein the delay is less than approximately 20 ms.
- 24. (Original) The system of claim 15 wherein the wire feeder is configured to pull the consumable wire electrode to a torch.
- 25. (Currently Amended) A welding system comprising:

  a power source configured to generate a power signal suitable for weldingtype applications;

a wire feeder constructed to deliver a filler material to a weld; and means for controlling a filler material delivery rate that reduces the delivery rate after initiation—initially feeding the filler material without reversing a delivery direction based on welding are initialization prior to are stabilization.

- 26. (Original) The system of claim 25 further comprising means for detecting arc condition.
- 27. (Original) The system of claim 26 wherein the detecting means detects an initial arc condition and a stable arc condition.
- 28. (Original) The system of claim 25 wherein the controlling means instructs a delivery rate of a user defined wire feed speed after welding arc stabilization.